



Homeland
Security



9th DISTRICT LOCAL NOTICE TO MARINERS 24/04 MONTHLY EDITION 2004

01 JUNE 2004

Issued by: Commander (oan)
Ninth Coast Guard District
1240 East Ninth Street,
Cleveland, OH 44199-2060
Telephone: (216) 902-6069

Numbers within brackets [/] refer to the LNM where information was first printed. Direct questions about this LNM to the above address. The Weekly Supplemental editions of the Local Notice to Mariners contain only information subsequent to the issue date of the Monthly edition. To ensure having complete information concerning the waterways within the Ninth Coast Guard District, consult this Monthly Edition 24/04.

District Nine Internet Address <http://www.uscg.mil/d9/uscgd9.html>
NIS watchstander, 24 hours a day at (703) 313-5900 ** *Internet Address <http://www.navcen.uscg.gov/>
Light List Reference: Commandant Publication P16502.7, VOL VII, 2003 Edition / Coast Pilot Reference: 2004 U.S. Coast Pilot 6 Great Lakes 34th Edition
Coast Pilot Corrections Reference download web page: <http://nauticalcharts.noaa.gov/nsd/cpdownload.htm>

The Local Notice to Mariners is available on the Internet at <http://www.navcen.uscg.gov/lnm/d9/default.htm>. You will also have links to other government agencies' web pages including the US Army Corps of Engineers and the National Ocean Service.

REPORT DISCREPANCIES IN AIDS TO NAVIGATION TO THE NEAREST COAST GUARD UNIT

The Ninth District and all Group offices for their areas of responsibility issue a **BROADCAST NOTICE TO MARINERS**.

The following *Broadcast Notice to Mariners* have been incorporated into this week's Local Notice to Mariners:

Group Buffalo, NY	B055-04	through	B060-04	Ninth District	C038-04	through	C040-04
Group Detroit, MI	D080-04	through	D093-04	Group Grand Haven, MI	G039-04	through	G042-04
Group Milwaukee, WI	M089-04	through	M095-04	Group Sault Ste Marie, MI	S090-04	through	S092-04

I. SPECIAL NOTICES

U.S. COAST PILOT 6 – 2004 (34th) Edition – Change No. 03

Changes No. 03 to the U.S. Coast Pilot 6, Great Lakes 2004 34th Edition can be found in Enclosure (1) or at the following web address:

<http://nauticalcharts.noaa.gov/nsd/cpdownload.htm> [24/04]

USACE NOTICE TO NAVIGATION INTERESTS

The following Federal Channels have conditional surveys recently completed and can be seen at the USACE Detroit District web site at

<http://www.lre.usace.army.mil/OandM/o&m.html>, the USACE Chicago District website at: <http://www.lre.usace.army.mil>, and the USACE Buffalo District website at:

<http://www.lrb.usace.army.mil/waterways/survey/survey.html>

Holland Harbor, MI [18/04]

St Joseph Harbor, MI [19/04]

Bolles Harbor, MI [24/04]

Saugatuck Harbor, MI [24/04]

GREAT LAKES - Great Lake Water Levels

The expected water levels on the Great Lakes for April 05, 2004. Connecting Channels and the St. Lawrence River, given in inches above (+) or below (-) Low Water Datum (LWD). LWD is a plane of reference used on a navigation chart. It is also known as chart Datum.

Great Lakes:

Lake Ontario +34, Lake Erie +29, Lake St. Clair +24, Lake Michigan-Huron +07, Lake Superior +03.

St Lawrence River:

Above Long Sault Dam +66, Above Iroquois Dam +71, Ogdensburg +33, Alexandria Bay +46, Head of River at Cape Vincent +34.

Detroit River

Lake Erie at Pelee Passage +29, Mouth of River at Gibraltar +28, Head of River above Belle Isle +24.

St. Clair River

Mouth of River at St. Clair Flats +24, Algonac +21, St. Clair +15, Blue Water Bridge +10, Head of River at Fort Gratiot +07, Lake Huron Approach Channel +07.

St. Marys River

Mouth of River at Detour +07, West and Middle Neebish +10, Head of Little Rapids +07, Below Locks +07, Above Locks +03, Head of River at Point Iroquois +03.

Available water depth is determined for a location by adding (if +) or subtracting (if -) the amount from the above to the water depth shown on National Oceanic and Atmosphere Administration (NOAA) navigational charts. Caution: Depths so determined are representative of a still water surface elevation, disturbed by neither wind nor other causes. Depth, however, may be reduced or increased as much as several feet for short periods of time due to these disturbances, or when sections of channels develop shoals. Vessel masters should refer to the Local Notice to Mariners for extent of shoaling and scattered bedrock projections in all channels. For further information direct inquiries to: Department of the Army, Detroit District Corps of Engineers P. O. Box 1027, Detroit, MI 48231, (313) 226-6443. Additional information can be found on the U.S. Army Corps of Engineers Information Center website at <http://superior.lre.usace.army.mil/levels/newchan.html>. [24/04]

LORAN-C OPERATIONS, LORSTA NANTUCKET (RATE 5930-X/9960-X)

This is a proposal to authorize LORSTA Nantucket (Rate 5930-X/9960-X) unusable time from 1300 GMT to 1500 GMT 22 Jun 2004 and from 1300 GMT to 1600 GMT 23 Jun 2004. The alternate time will be from 1300 GMT to 1500 GMT 24 Jun 2004 and from 1300 GMT to 1600 GMT 25 Jun 2004. Objections will be considered until 1800 GMT 16 Jun 2004. Users shall address inquiries to the north eastern u.s. Loran-c chain operations control officer (LT Luci Bookhammer) at 703-313-5887. Current loran-c status is available 24 hrs/day through internet address: <http://www.navcen.uscg.gov> [23/04]

LORAN-C OPERATIONS – LORSTA GILLETTE, WY (RATE 9610-V/8290-X)

This is a proposal to authorize LORSTA Gillette WY (Rate 9610-V/8290-X) unusable time from 1500 GMT to 2100 GMT 15 Jun 2004. The alternate time will be from 1500 GMT to 2100 GMT 16 Jun 2004. Objections will be considered until 1500 GMT 10 Jun 2004. Users shall address inquiries to the South Central U.S. Loran-C Chain Operations Control Officer (LT J. Bailey) at 703-313-5873. Current Loran-C status is available 24 hrs/day through internet address: <http://www.navcen.uscg.gov> [21/04]

LORAN-C OPERATIONS – LORSTA BOISE CITY (RATE 9610-M/8970-Z)

LORSTA Boise City, OK (Rate 9610-M/8970-Z) will be unusable time from 1400 GMT to 1800 GMT 01 Jun 2004. Users shall address inquiries to the Southcentral U.S. Loran-C Chain Operations Control Officer (LT J. Bailey) at 703-313-5873. Current Loran-C status is available 24 hrs/day through internet address: <http://www.navcen.uscg.gov> [24/04]

SAINT LAWRENCE SEAWAY – Saint Lawrence Seaway Development Corps – Aid Repositioning – Chart 14786

The Saint Lawrence Seaway has repositioned the Saint Lawrence Seaway Lighted Buoy 1 (LLNR 5) to 45°00'13.84"N, 074°40'05.67"W and Saint Lawrence Seaway Lighted Buoy 3 (LLNR 15) to 44°59'57.58"N, 074°40'28.26"W. [23/04]

NEW YORK STATE CANAL SYSTEM – Erie Canal – Chart 14786

Until further notice, all vessels must tie to the port-side wall when transiting Lock E-2 westbound. This lock is operating on one upper valve temporarily, which will cause all vessels to be set to the south side of the lock. For additional information, please call (518) 471-5016, or visit the New York State Canal System web site: <http://www.canals.state.ny.us/>. [21/04]

NEW YORK STATE CANAL SYSTEM Erie Canal – Plainville - Chart 14786

Mariners are advised that construction activities will take place during the 2004 navigation season at Bridge E-79. Placement of a temporary structure at this location will result in a reduction of normal pool vertical clearance from 20.57' to 17.80' (western span) or 18.50' (eastern span). These reductions will not affect the controlling clearance of 15.5' for the western Erie Canal from Three Rivers to Tonawanda. Temporary vertical clearance gauges will be placed to assist mariners in establishing real-time clearance. Additional signage will be displayed to aid those transiting the area. Mariners are advised to proceed with caution through this area and heed all temporary aids to navigation and other signage. For additional information, please call (518) 471-5016, or visit the New York State Canal System web site at <http://www.canals.state.ny.us/>. [20/04]

NEW YORK STATE CANAL SYSTEM Erie Canal – Waterford - Chart 14786

Mariners are advised that construction activities will continue during the 2004 navigation season at Bridge E-3 in Waterford. A containment structure will protrude two feet from the underside of this bridge. This temporary structure will reduce the clearance at normal pool from 21.78 feet to 19.78 feet. The Canal Corporation will again manipulate the Lock E-2 upper level upon request in order to compensate for the reduction in vertical clearance. Mariners requiring vertical clearance greater than 18 feet should notify Lock E-2 by VHF marine band radio, or by phone at (518) 237-0810, at least 30 minutes prior to arrival. If no response, contact the Waterford Canal Section office at (518) 233-8575. Mariners should consult the temporary vertical clearance gauge at this location prior to proceeding under the bridge. Additionally, a small work barge will be on site during operations at Bridge E-3 Monday through Friday. This barge will be moored to a concrete bulkhead, and will not impede vessel traffic. However, commercial traffic giving 24 hours advance notice can request the temporary removal of this barge by calling (518) 471-5016. For updates and information, please call 1-800-4CANAL4, or visit the New York State Canal System web site: <http://www.canals.state.ny.us/>. [20/04]

OSWEGO CANAL – ERIE CANAL EAST – Changes to Published Depth – Chart 14786

The Oswego Canal and Erie Canal East (Waterford to Three Rivers) are maintained to provide a minimum channel width of 200 feet in canalized river and lake sections, 120 feet in rock cuts and 104 feet in earth cuts. Maximum available depth is 14 feet, but reduced to 13 feet over lock sills. The Champlain Canal, Cayuga-Seneca Canal and Erie Canal West (Three Rivers to Tonawanda) are maintained to provide a minimum channel width of 200 feet in canalized river and lake sections, 94 feet in rock cuts and 75 feet in earth cuts. Maximum available depth throughout is 12 feet. All canal reaches having less than maximum depth are identified in this Notice to Mariners. Presented in table format, shoal areas are delineated by navigation aids or canal structures, and the channel location offering maximum depth is indicated. The table is available by mail or fax by calling (518) 471-5016 or on the New York State Canal System web site, <http://www.canals.state.ny.us/> [17/04]

WINDSOR PORT AUTHORITY NOTICE – Pursuant to Section 51 of The Canada Marine Act

The Windsor Port Authority approved the request of the Detroit/Windsor International Freedom Festival for the closure of that portion of the Detroit River lying within the boundaries of the Port of Windsor between the Ambassador Bridge and Belle Isle. This portion of the River will be closed to navigation during the Annual Fireworks display and the Canadian Coast Guard has been requested to issue a "Notice to Mariners" to that effect. This event is to be staged from three barges and tug set-up firing points in the Detroit River. The fireworks will commence at approximately 10:00 pm E.D.S.T. and last for approximately 45 minutes on Wednesday 23 June 04. In the event of inclement weather, the event will be re-scheduled for Thursday, 24 June 04 at the same times. [21/04]

LAKE ONTARIO – Allowable Draft – Montreal to Lake Ontario – 2004 Navigation Season

In the Montreal to Lake Ontario section, the maximum allowable draft will be increased to 80.8 dm (26' 06"), subject to favorable water elevations, effective May 24, 2004. The draft increase will be for all inland ships and ocean ships equipped with an operational bow thruster. For ocean ships not equipped with bow thrusters the maximum allowable draft will be 80.0 dm (26' 03"). Mariners are reminded that for ships loaded to a draft greater than 80.0 dm (26' 03"), speeds will be monitored carefully between St. Lambert Lock and St. Nicolas Island. In addition, there will be zero tolerance for ship's draft in excess of 80.8 dm (26' 06"). [23/04]

LAKE ERIE - Fairport Harbor – Possible Shoaling – Chart 14837

Possible shoaling has been reported in the vicinity of the Western Approach to the Fairport Harbor Breakwaters. In posit 41-46.248N, 081-16.824W, depth was reported to be 18ft. All mariners are urged to use caution while transiting the area. [17/04]

LAKE ERIE – OH – Moss Point to Vermillion (LORAN C) – Chart 14826

The Maritime Archaeological Survey Team will deploy four buoys for an underwater survey of the Craftsman Barge during the following period: 05 Jun through 20 Jun 2004. Dive operations will be taking place on 12 and 13 Jun 2004, with an alternate date of 19 and 20 Jun 2004. During the dive operations, Dive Boats will be on scene flying the diver down flag. Buoys are located in the position 41-31-48N 82-00-22W in 40 feet of water. For further information contact The Maritime Archaeological Survey Team at (800) 893-1485. [23/04]

TOLEDO HARBOR (LORAN C) - Chart 14847

Great Lakes Environmental Research Laboratory deployed two white scientific research buoy, Fl Y 4s, off the Toledo Harbor Light in position 41-45.754' N 83-19.653' W and off Structure 2 in position 41-49.492' N 83-11.695' W. The buoys will be deployed from 04 May until 01 December 2004. The buoys consists of a 5 ft. high by 9 inch diameter white spar buoy. An additional buoy will be deployed at each location within the next four weeks. For further information contact Mr. Ron Muzzi at (734) 741-2007. [20/04]

WEST END OF LAKE ERIE (LORAN C) - Chart 14830

Great Lakes Environmental Research Laboratory deployed two white scientific research buoy, Fl Y 4s, off the Toledo Harbor Light in position 41-45.754' N 83-19.653' W and off Structure 2 in position 41-49.492' N 83-11.695' W. The buoys will be deployed from 04 May until 01 December 2004. The buoys consists of a 5 ft. high by 9 inch diameter white spar buoy. An additional buoy will be deployed at each location within the next four weeks. For further information contact Mr. Ron Muzzi at (734) 741-2007. [20/04]

DETROIT RIVER – ST. CLAIR RIVER – Condition of Federal Navigation Channel – Charts 14848, 14852

1. Soundings obtained during obstruction removal operations and condition surveys performed within the Federal navigation channels of the Detroit River, Lake St. Clair and the St. Clair River, Michigan and Ontario, during CY 2003, indicate shoaling as shown on the attached tables. (Refer to NOAA Charts No. 14848 and No. 14853).
2. Elevations and project depths are referred to IGLD, 1985 when Lake Erie is at elevation 569.2 ft., Lake St. Clair at 572.3 ft. and Lake Huron at 577.4 ft. above Mean Water Level at Rimouski, Quebec.
3. The information depicted in this report represents the results of surveys made on the time indicated and can only be considered as indicating the conditions existing at that time.
4. Vessel operators are advised to use caution when navigating in these areas. Obstruction removal operations have resumed and will continue through December 2004, as weather permits.
5. All inquiries should be addressed to CELRE-OT-T and should refer to Notice to Navigation Interests No. L04-09. Internet address: <http://lre.usace.army.mil>. Go to: Detroit Home Page, Who We Are, Operations Office Home Page. [17/04]

LAKE HURON - ST. CLAIR RIVER LAKE ST. CLAIR - DETROIT RIVER - LAKE ERIE - Obstruction Removal and Survey Operations

Continuing throughout the 2004 navigation season, the U.S. Army Corps of Engineers' s/v WHEELER, Cranebarge VELER, along with other survey vessels and attendant plant, will perform obstruction removal and survey operations in various Federal navigation channels of Lake Huron, the St. Clair River, Lake St. Clair, the Detroit River, and Lake Erie. Operations will be conducted Monday through Friday from 0700 to 1900 hours. Mariners are urged to use extreme caution and reduce speed when navigating in the vicinity of these operations. All inquiries should be addressed to CELRE-OT-T and should refer to Notice to Navigation Interests No. L04-01. Internet address: <http://www.lre.usace.army.mil> Go to: Detroit Home Page, Who We Are, Operations Office Home Page. [12/04]

Port Huron - RNA

The U.S. Coast Guard has established a regulated navigation area (RNA) in the waters of Lake Huron at the entrance to the moorings for USCG Station Port Huron. The RNA prohibits fishing, mooring, and anchoring in this location. The RNA came into effect on May 28. [69 Fed. Reg. 23101](#) [20/04]

LAKE MICHIGAN – Benton Harbor – Chart 14930

The U.S. Coast Guard has received a report of possible shoaling on the north side of the channel at the entrance to St. Joseph Harbor. All vessels should transit the area with caution. [18/04]

LAKE MICHIGAN-Chicago Sanitary Ship Canal/Des Plaines River

Mariners are advised that the Chicago Water Reclamation District has increased the flow rate 7,500 cubic feet per second on the Chicago Sanitary and Ship Canal/Des Plaines River. Mariners are advised to use caution when transiting the area between Lockport Lock and Dam and Brandon Road Lock and Dam. For further information contact MSO Chicago at (630) 986-2175. [24/04]

LAKE MICHIGAN – Consumer Power Plant – Ludington, MI.

The Coast Guard has received a report of nets anchored to the bottom in the following approximate positions: 43-55.213N 86-33.067W, 43-53.881N 86-30.268W, 43-50.912N 86-29.977W, 43-51.205N 86-30.497W, 43-51.112N 86-30.859W. The area extends 2-4nm off the Consumer Power Plant 1/2nm north of the power plant and 2nm south of the power plant. The nets are marked with white milk jugs and are connected with yellow polypropylene line. All mariners are advised to use caution when transiting the area. [24/04]

ST. MARYS FALLS CANAL – Mac Arthur Lock Closure

The MacArthur Lock will be operated on a 24-hour basis through 0600 hours on 14 June 2004. At that time the lock will be taken out of service. The MacArthur Lock will be reopened on a 24-hour basis on or before 23 June 2004. During this time period the Poe and Davis Locks will be operated on a 24-hour basis. This closure is necessary to accommodate dewatering of the lock for a mandatory structural inspection. All inquiries should be addressed to CELRE-OT-T and should refer to Notice to Navigation Interests No. L04-18. Internet address: <http://www.lre.usace.army.mil> Go to: Detroit Home Page, Who We Are, Operations Home Page. [22/04]

LAKE SUPERIOR - Port Wing Harbor, WI – Shoaling – Chart 14966

Recent survey of Port Wing Harbor, WI, has indicated shoaling within various areas of the harbor. In particular, the bounded area indicated by "note b" of the harbor inlay to NOAA chart 14966 (Little Girls Point to Silver Bay, Lake Superior). Mariners are advised to use caution while transiting the harbor. [11/04]

II. DISCREPANCIES IN AIDS TO NAVIGATION as of 1000 June 01, 2004

This section lists all changes to discrepancies since Local Notice to Mariners 23/04. The following abbreviations are used:

B	Buoy	BKW	Breakwater	(C)	Canadian Aid
CHL	Channel	DAM	Damaged	DAYBD	Dayboard
DBN	Daybeacon	DECOM	Decommissioned	DISCON	Discontinued
ENT	Entrance	ESTB	Established	EXT	Extinguished
F/S	Fog Signal	HBR	Harbor	IMCH	Improper Characteristic
INOP	Inoperative	JCT	Junction	LB	Lighted Buoy
LBB	Lighted Bell Buoy	LGB	Lighted Gong Buoy	LHB	Lighted Horn Buoy
LIB	Lighted Ice Buoy	LT	Light	LWP	Left Watching Properly
OBST	Obstruction	OFFSTA	Off Station	MSLDG	Misleading
(P)	Private Aid	PARSUB	Partially Submerged	PAROBSC	Partially Obscured

PHD	Pierhead	RBN	Radiobeacon	RAC	Racon
DIM	Reduced Intensity	RELDGR	Relocated for dredging	RELSHL	Relocated for Shoaling
RELCON	Relocated for Construction	RF	Range Front	RPTD	Reported
RR	Range Rear	(SLS)	St. Lawrence Seaway Devel Corp	SND CONT	Sounding Continuously
TRUB	Temporarily Replaced With A B	TRLB	Temporarily Replaced With A LB	TRLT	Temporarily Replaced With A Light
W/M	Winter Mark				

A. RECENT DISCREPANCIES

LLNR	Name of aid	Status	Charts Affected	BNM Ref.	LNM Ref.
2150	PORT BAY ENTR LT 2 (P)	LT EXT	14804	B061-04	24/04
3080	GRAND ISL RR LT	PAR OBSC	14832	B047-04	22/04
3375	CATTARAUGUS CREEK N BKW LT 1	LT EXT	14823	B062-04	24/04
3450	DUNKIRK HBR B 9	OFFSTA	14823		15/04
3515	ERIE ENTR LBB 1	LT IMCH	14835		24/04
4005	EUCLID BCH W BKW LT (P)	LT EXT	14826	D082-04	23/04
4035	CLEVELAND INTAKE LB (P)	MISSING	14826	D309-03	11/04
4255	BRADSTREET LANDING DOCK LT (P)	LT EXT	14826	D081-04	23/04
5695	PUT IN BAY CHL B 5	OFFSTA	14842	D091-04	24/04
5860	PORT CLINTON INTAKE CRIB LB	MISSING	14844	D088-04	24/04
5861	PORT CLINTON REGIONAL INTAKE CRIB LB	MISSING	14844	D088-04	24/04
6025	TOLEDO WATER WORKS INTAKE CRIB LTS (P)	LT EXT	14847	D050-04	19/04
6905	DETROIT RIVER E OUT CHL LB 3	OFFSTA	14830		24/04
8945	BLACK CREEK LB 2 (P)	MISSING	14853	D087-04	24/04
11920	INDIAN RIVER DBN 25	MSLDG SIG/DBN DAM	14886	S089-04	23/04
13520	OAK RIDGE RR LT	MISSING DAYBD	14883	S084-04	21/04
14530	WHITEFISH PT LT	LT DIM	14962	S088-04	23/04
14650	MARQUETTE PWR AND LT CHL B 1 (P)	MISSING	14970		13/04
14655	MARQUETTE PWR AND LT CHL B 2 (P)	MISSING	14970		13/04
18070	BOYNE CITY HBR MRNA W ENTR LT 2 (P)	LT EXT	14942	S085-04	22/04
18375	FRANKFORT N BKW LT	F/S SND CONT	14939		20/04
18770	BEAR LAKE ENTR W LT (P)	LT IMCH	14934	G026-04	18/04
18785	GREAT LAKES MARINA ENTR LT 1 (P)	LT EXT	14934	G007-04	15/04
18790	GREAT LAKES MARINA ENTR LT 2 (P)	LT EXT	14934	G007-04	15/04
18795	GREAT LAKES MARINA ENTR LT 3 (P)	LT EXT	14934	G007-04	15/04
18800	GREAT LAKES MARINA ENTR LT 4 (P)	LT DESTROYED/PART OBSC CHL	14934	G007-04	15/04
18810	GREAT LAKES MARINA ENTR LT 6 (P)	LT EXT	14934	G007-04	15/04
18910	CONSUMER POWER CO LT 1 (P)	LT EXT	14933	G009-04	16/04
18915	CONSUMER POWER CO LT 3 (P)	LT EXT	14933	G009-04	16/04
18920	CONSUMER POWER CO LT 5 (P)	LT EXT	14933	G009-04	16/04
19035	GRAND RIVER B 14	OFFSTA	14933	G037-04	22/04
19160	GRAND RIVER B 71	OFFSTA	14933	G031-04	22/04
19240	GRAND RIVER B 78	OFFSTA	14933	G031-04	22/04
19870	68TH ST CRIB (P)	LT EXT	14927	M092-04	24/04
20105	MONTROSE BKW LT (P)	LT EXT	14926	M082-04	23/04
20130	WILSON AVENUE BKW LT (P)	LT EXT	14926	M095-04	24/04
20355	ZION INTAKE LB A (P)	LT EXT	14904	M096-04	24/04
20495	RACINE W HBR ENTR LT 3 (P)	LT DIM	14925	M062-04	21/04
20757	MCKINLEY MARINA LT 2 (P)	LT EXT	14924	M067-04	21/04

B. DISCREPANCIES CORRECTED

LLNR	Name of aid	Status	Charts Affected	BNM Ref.	LNM Ref.
2035	PORT ONTARIO B 4	OFFSTA	14803	B055-04	23/04
2040	PORT ONTARIO B 6	OFFSTA	14803	B055-04	23/04
2080	OSWEGO HBR W PHD LT	LT EXT	14813	B052-04	23/04
3800	ASHTABULA HBR W PIER LT	LT EXT	14836	B007-04	15/04
12770	DETOUR REEF LT	RACON INOP	14880	S037-04	13/04
13180	DARK HOLE FR LT	LT EXT	14883	S090-04	23/04
13185	DARK HOLE RR LT	LT EXT	14883	S090-04	23/04
17775	GRAYS REEF LT	LT DIM	14911	S087-04	22/04
18985	GRAND HAVEN N SHORE MARINA DBN 1 (P)	DISCON	14933	G008-04	15/04
20490	RACINE E HBR ENTR LT 2 (P)	LT IMCH	14925		18/04
20500	RACINE HBR LT 5 (P)	LT DIM	14925		18/04

III. TEMPORARY CHANGES IN AIDS TO NAVIGATION as of 1000 June 01, 2004

A. TEMPORARY CHANGES

LLNR	Name of aid	Status	Charts Affected	BNM Ref.	LNM Ref.
4350	LORAIN HBR LT 6	TEMP MOVED	14841		35/03
6450	LUNA PIER MARINA BKW LT 1 (P)	TEMP DISCON	14846	D224-01	23/01
6455	LUNA PIER MARINA BKW LT 2 (P)	TEMP DISCON	14846	D224-01	23/01
14540	LITTLE LAKE HBR LT 2	TEMP DISCON	14962	S046-03	06/03
14670	PRESQUE ISLE BKW LT	TEMP DISCON F/S	14970		20/04
17079.1	FOUR MILE BAY BUOY 7	TEMP ESTB TRUB	14999		12/02
18336	LELAND HBR SHL B 2A	TEMP ESTB TRUB	14912	S077-04	21/04
18337	LELAND HBR SHL B 2B	TEMP ESTB TRUB	14912	S077-04	21/04
19601	MICHIGAN CITY INNER HBR B 4	TEMP ESTB TRUB	14905	G015-04	18/04
19602	MICHIGAN CITY INNER HBR B 6	TEMP ESTB TRUB	14905	G015-04	18/04
21591	LITTLE FISHDAM RIVER ACCESS LT (P)	TEMP DISCON	14908	M050-01	09/02

B. RECENT TEMPORARY CHANGES CORRECTIONS

LLNR	Name of aid	Status	Charts Affected	BNM Ref.	LNM Ref.
NONE.					

IV. CHART CORRECTIONS

Corrective action affecting charts is contained in this section. Chart corrections are listed numerically by chart number. The correction listed pertains to that chart only. It is up to the mariner to decide what charts are to be corrected. The following example explains the individual elements of a typical correction.

Chart number	Chart edition	Edition date	Last Local Notice to Mariners	Reference datum	Source Agency of .correction	Current Notice to Mariners
14922	17th ed. MANITOWOC AND SHEBOYGAN HARBORS Change	4/25/92	Last LNM 12/93 Manitowoc South Breakwater Light to "3" Fl G 2.5s, 37ft 8 StM	NAD 83	(CGD9) 44°05'29.00"N	17/93 087°38'37.00"W
	Corrective action	Object of corrective action			Position	

The letter (M) immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. (Temp) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000° true. Bearings of light sectors are toward the light from lakeward.

14771 17th ed. May 2004 NEW EDITION NAD 83 (NOS Silver Spring, MD) 24/04
BUTTERNUT BAY, ONT. TO IRONSIDES ISLAND, N.Y.
(New edition due to change in format.)
1:15,000

This NOAA chart is now available in both the Print-on Demand and digital raster formats. See <http://chartmaker.ncd.noaa.gov/mcd/dole.htm> for details. The corresponding traditional paper chart will be available in two to eight weeks.

14829 6th ed. Dec 2003 Last LNM 41/03 NAD 83 (CGD9) 24/04
GENEVA TO LORAIN (LORAN C)
Change Fl Y 2.5s 8m 4 St M to Q Y 25ft 4 St M posit
41°28'47.52"N 082°11'17.20"W

14841 28th ed. Nov 2003 Last LNM 39/03 NAD 83 (CGD9) 24/04
LORAIN HARBOR
Change Fl Y 2.5s 25ft 4 St M to Q Y 25ft 4 St M posit
41°28'47.52"N 082°11'17.20"W

14933 24th ed. May 2002 Last LNM 30/03 NAD 83 (CGD9) 24/04
MI-GREAT LAKES-LAKE MICHIGAN-GRAND HAVEN, SPRING LAKE AND LOWER GRAND RIVER
Delete G "1" Priv 43°03'42.00"N 086°14'29.00"W
R "2" Priv 43°03'41.00"N 086°14'31.00"W

14992 11th ed. Jun 2004 NEW EDITION NAD 83 (NOS Silver Spring, MD) 24/04
SAND POINT LAKE TO LAC LA CROIX, Including Crane Lake and Little Vermillion Lake, Minnesota/Ontario
(New edition due to change in format.)
1:42,240

This NOAA chart is now available in both the Print-on Demand and digital raster formats. See <http://chartmaker.ncd.noaa.gov/mcd/dole.htm> for details. The corresponding traditional paper chart will be available in two to eight weeks.

V. ADVANCE NOTICE OF CHANGES TO AIDS TO NAVIGATION

LAKE ONTARIO - Black River Bay, Signal Change, Charts 14811

The Coast Guard will be changing the characteristics on Sackets Harbor LT (LLNR 1850) to FL W 2.5s. and change the dayboards to non-lateral marks. In conjunction with this change the Coast Guard will be establishing a lighted buoy in posit 43°56'30.95"N, 076°07'11.89"W with a Fl R 4s characteristic to mark the NW shoal of Horse Island. [17/04]

Lake Erie – Strawberry Isle Cut Buoy 5

The Coast Guard will be upgrading Strawberry Isle Cut Buoy 5 (LLNR 2910) to a Quick Flashing Green. [11/04]

Lake Erie – Dunkirk Harbor – Chart 14823

The Coast Guard will be maintaining Dunkirk Harbor Buoy 3 (LLNR 3420) and Dunkirk Harbor Buoy 4 (LLNR 3425) from 14 May to 01 Nov. vice annually. [21/04]

Lake St. Clair – Characteristic Change – Chart 14850

The Coast Guard will be changing the characteristics of Lake St Clair LB 30 (LLNR 8570) to a Quick flash for easier distinction from other lights in the area. [19/04]

LAKE HURON – Ft Gratiot Light – Nominal Range Change – Chart 14862

The Coast Guard is upgrading the equipment and increase the nominal range of Ft Gratiot Light (LLNR 10015) from 18 M to 21 M. [19/04]

Eastern Portion of the Northern Boundary Waters - Charts 14994 thru 14998

Re-number Canoe Channel Day Beacon 6	LLNR 17210	Chart 14998 to Daybeacon 8.
Add a Light to Rainy Lake Buoy 12	LLNR 17285	Chart 14997 Making the aid Rainy Lake Lighted buoy 12; Fl R 4s.
Add a Light to Surveyor's Island Daybeacon 43	LLNR 17420	Chart 14996 making the aid surveyor's Island Light 43; Fl G 4s. [11/04]

Eastern Portion of the Northern Boundary Waters - Charts 14994 thru 14998

The Coast Guard is considering making the following changes to the Eastern portions of the boundary water's region:

Disestablish Ranier Single Point Range Light	LLNR 17130	Chart 14998.
Establish Canoe Channel Buoy 20		Chart 14998 in approximate position: 48-36-15N, 093-08-14W.
Establish South Shore Buoy 6		Chart 14997 in approximate position: 48-36-20N, 093-01-50W. opposite south Shore buoy 8 LLNR 17275.
Relocate South Shore Buoy 10	LLNR 17280	Chart 14997 north to approximate position: 48-36-28N, 092-57-43W.
Add a Light to Rainy Lake Daybeacon 34	LLNR 17375	Chart 14997 Making the aid Rainy Lake Light 34; Fl R 4s.
Establish Idle Hour Island Light 36A; Fl R 4s		Chart 14996 in approximate position 48-32-08N, 92-49-10W.
Establish Sand Point Buoy 15 opposite Sand Point Buoy 16	LLNR 17665	Chart 14994 in approximate position 48-26-45N, 092-41-15W [31/03]

VI. PROPOSED CHANGES IN AIDS TO NAVIGATION**Upper Niagara River - Charts 14822 and 14832**

The Coast Guard is proposing to change the Grand Island Range Lights LLNR's 3080, 3075 to a single point sector range. The change will involve disestablishing Grand Island Rear Range Light LLNR 3080, installing a Green/White/Red Sector light on Grand Island Front Range Light LLNR 3075 and renaming the Light; Grand Island Sector Range Light. The white sector will indicate the center of the channel and the colored sectors will correspond to the red and green sides of the channel. [31/03]

For any comments or questions on these proposed changes please contact LTJG Hall of the Ninth District Aids to Navigation office at (216) 902-6072.

VII. GENERAL NOTICES**SUMMARY OF DREDGING/CONSTRUCTION OPERATIONS IN EFFECT**

The LNM column is where the entry originally appeared and where detailed information may be obtained. The dates listed for completions are tentative.

Location	LNM	Subject	Hours / Days	Until
<u>NEW YORK STATE CANAL</u>				
Oriskany to Utica, NY	34/03	CANAL WAY TRAIL SYSTEM	0700-1700/ MON - FRI	31 DEC 04
Onandaga - Seneca River, NY	18/04	BRIDGE CONSTRUCTION		31 AUG 04
Lysander, NY	18/04	BRIDGE CONSTRUCTION		15 NOV 04
<u>LAKE ONTARIO</u>				
Rochester, NY	41/03	BRIDGE CONSTRUCTION	0700-1630/ MON - FRI	INTO 2004
Rochester Harbor, NY	23/04	MECHANICAL DREDGING	24 HRS/ 7 DAYS A WK	26 JUN 04
<u>LAKE ERIE</u>				
Buffalo Harbor, NY	29/03	BRIDGE MAINTENANCE	24 HRS/ 7 DAYS A WK	30 JUN 04
Buffalo Harbor, NY	41/03	BRIDGE MAINTENANCE	24 HRS/ 7 DAYS A WK	2004 NAV SEASON
Buffalo Harbor, NY	08/03	BRIDGE MAINTENANCE	24 HRS/ 7 DAYS A WK	JUN 2004
Ashtabula Harbor, OH	16/04	WAMS ANALYSIS	VARIOUS	TBD
Cleveland, OH	14/03-17/04	PILE DRIVING, EXCAVATION, ETC.	24 HRS/ 7 DAYS A WK	DEC 2004
Cleveland Harbor, OH	12/04	BREAK WATER DISASSEMBLY, PIPELINE INSTALL	24 HRS/ 7 DAYS A WK	22 JUL 04
Cleveland Harbor, OH	12/04	PILE DRIVING, EXCAVATION, PIPE INSTALL	24 HRS/ 7 DAYS A WK	31 DEC 04
Lorain Harbor, OH	34/03	WEST PIER REHABILITATION	DAWN-DUSK/ MON - FRI	31 DEC 04
Toledo, OH	41/03	BRIDGE CONSTRUCTION	24 HRS/ 7 DAYS A WK	2004 NAV SEASON
<u>ST MARYS RIVER</u>				
Macarthur Locks	11/04	CN RAILWAY BRIDGE CLOSED TO NAVIGATION	24 HRS/ 7 DAYS A WK	LOCK OPEN
Vidal Shoals	20/04	DREDGING	24 HRS/ 7 DAYS A WK	15 JUL 04
West Neebish Channel	20/04	DREDGING	24 HRS/ 7 DAYS A WK	01 AUG 04
<u>LAKE MICHIGAN</u>				
Charlevoix Harbor, MI	23/04	OBSTRUCTION REMOVAL	0700-1730/MON – THU	07 JUN 04
Indiana Harbor Canal, MI	18/07	CANAL WALL REPAIR	0700-1800/MON – FRI	15 JUN 04

<u>Location</u>	<u>LN</u>	<u>Subject</u>	<u>Hours / Days</u>	<u>Until</u>
Calumet Harbor, IL	13/04	CAL-SAG CHL BRDG DEMOLITION/CONSTRUCTION	VARIOUS	01 SEP 04
Calumet Harbor, IL	11/04	BRIDGE MAINTENANCE AND CLEARANCE	24 HRS/ 7 DAYS A WK	31 OCT 04
Chicago Harbor, IL	22/04	BRIDGE MAINTENANCE	0730-1600/MON – FRI	21 OCT to 25 NOV 04
Chicago Harbor, IL	19/04	BRIDGE MAINTENANCE	0700-1900/ 7 DAYS A WK	01 AUG 04
Chicago Harbor, IL	33/03-36/03	BRIDGE MAINTENNANCE WORK	0730-1600/ MON-FRI	25 NOV 04
Milwaukee Harbor, WI	41/03	BRIDGE DEMOLITION AND CONSTRUCTION	0600-0800/ MON – FRI	2004 SEASON
Milwaukee Harbor, WI	11/04	BRIDGE CLOSURE FOR SPECIAL EVENTS	VARIOUS	18 JUL 04
Sturgeon Bay Harbor, WI	11/04-23/04	BRIDGE MAINTENANCE	0600-1800/MON – FRI	01 JUL 04
Racine Harbor, WI	23/04	BRIDGE CLOSURE FOR SPECIAL EVENT	0730-1030	19 JUN 04
<u>LAKE SUPERIOR</u>				
Keweenaw MI	03/03	BRIDGE OP SCHEDULE DURING REHAB	0700-1800/ MON – FRI	31 OCT 04
Straits of Mackinac	21/04	BRIDGE MAINTENANCE - PAINTING	VARIOUS	DEC 06
Soo Locks Complex, MI	18/04	PIER CONSTRUCTION	0700-1700/ MON – SAT	31 JUL 04
Ontonagon Harbor, MI	14/04	DREDGING	24 HRS/ 7 DAYS A WK	15 JUL 04
Munising Bay, MI	18/04	MARINE SALVAGE	DUSK-DAWN/MON – SAT	15 SEP 04

GREAT LAKES - GENERAL - MARINE EVENTS

Events listed below are those events that do not have accompanying special local regulations. Mariners transiting these areas are not required to contact the U.S. Coast Guard, but are asked to exercise caution when navigating through the area of the event.

<u>Location</u>	<u>Events</u>	<u>Dates</u>	<u>Time (Local)</u>
<u>LAKE ONTARIO</u>			
Oswego Harbor, NY	Thunder Island Offshore Challenge	3rd or 4th Weekend of June	
<u>LAKE ERIE</u>			
Sandusky, OH	Sandusky Sail Club Junior Regatta	June 19	0900-1700
Presque Isle Bay, OH	International Kilo Speed Challenge	3 rd or 4 th Weekend of June	
Presque Isle Bay, OH	International Offshore Challenge	3 rd or 4 th Weekend of June	
<u>DETROIT RIVER</u>			
Detroit River, MI	Detroit APBA Gold Cup Race	1st or 2nd Weekend of June	
Detroit River, MI	International Freedom Festival Fireworks	3rd or 4th Weekend of June	
Detroit River, MI	International Freedom Festival Tug Across the River	3rd or 4th Weekend of June	
<u>LAKE HURON</u>			
Bay City, MI	International Bay City River Roar	3rd or 4th Weekend of June	
<u>LAKE MICHIGAN</u>			
South Haven, MI	Waves of Thunder Offshore Spectacular	3rd Weekend of June	
Milwaukee, WI	Milwaukee Summerfest	Last week June through 2 nd week July	
Racine Harbor, WI	Racine on the Lake front Airshow	2 nd Weekend of June	
<u>LAKE SUPERIOR</u>			
Keweenaw Waterway, MI	Bridgefest Regatta	2nd Weekend of June	

VIII. LIGHT LIST CORRECTIONS, VOL VII, GREAT LAKES

(* Denotes the column in which a correction has been made or new information added.)

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
18985	North Shore Marina Daybeacon 1						Remove from list * 24/04
18990	North Shore Marina Daybeacon 2						Remove from list * 24/04

IX. ENCLOSURES

(1) Changes No. 03 to the U.S. Coast Pilot 6, Great Lakes 2004 34th Edition.

Robert J. Papp
Rear Admiral, U. S. Coast Guard
Commander, Ninth Coast Guard District

Coast Pilot 6 34th Ed 2004 Corrections

Page 5-Paragraph 52, lines 14-17; read:
lightships, buoys, fog signals, and
electronic aids.
(NOS/04)

Page 193-Paragraph 101, read:
In May-October 2003, the controlling
depths were 23.6 feet in the approach and in
the channel through the outer harbor to the
mouth of the river, thence 20.4 feet in the
river channel to the head of the Federal
project at Seneca Street. The outer harbor W
of the entrance channel had depths of 12 to
16 feet (except for lesser depths in an area
near the S end of the W breakwater.) The
outer harbor E of the entrance channel had
depths of 17 to 21 feet (except for lesser
depths along the SE edge.) The channel
leading SW to the turning basin had a depth
of 18.3 feet with lesser depths along the N
edge, thence 15 to 19 feet in the basin.
(BP 182790; CL 292/04)

Page 198-Paragraph 151, read:
In October 2003, the controlling depths
in the dredged channel were 2 feet in the
entrance and between the breakwaters to the
boat launch ramp access channel, with 6.4
feet in the access channel, thence 5.8 feet
to deep water in the bay.
(BP 182828; CL 312/04)

Page 202-Paragraph 193, lines 3-4; read:
marked by a light. In October 2003, the
controlling depth was 9.3 feet in the ..
(BP 182154; CL 1771/03)

Page 202-Paragraph 199, lines 6-12; read:
Tuscarora Bay. In August 2003, the
controlling depths were 6.7 feet in the
entrance and between the piers to Buoy 4,
thence 1.9 feet through Tuscarora Bay to the
head of the project (except for lesser depths
along the S edge of the channel between
Daybeacons 7 and 9.)
(BP 182883; NOS 14806)

Page 232-Paragraph 197, lines 7-8; read:
marked by buoys. In April-September 2003, the
controlling depths were 14.7 feet from deep
...
(BP 182153; BP 181260; BP 181259)

Page 254-Paragraph 413, lines 8-15; read:
inside the mouth of the river. In July-August
2003, the controlling depths were 6.9 feet in
the left half and 5.2 feet in the right half
of the entrance channel to the anchorage
basin, thence 5 feet in the left half and 2.8
feet in the right half of the channel to the
Norfolk-Southern Railway bridge, thence 3
feet to the turning basin, with 1.9 to 3.0
feet in the basin. The anchorage basin, just
inside the mouth of the river, had depths of
3 to 6 feet with lesser depths along the SW
edge.
(BP 181738; CL 1596/03)